



## Gulf of Mexico Harmful Algal Bloom Bulletin

22 May 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 15, 2007

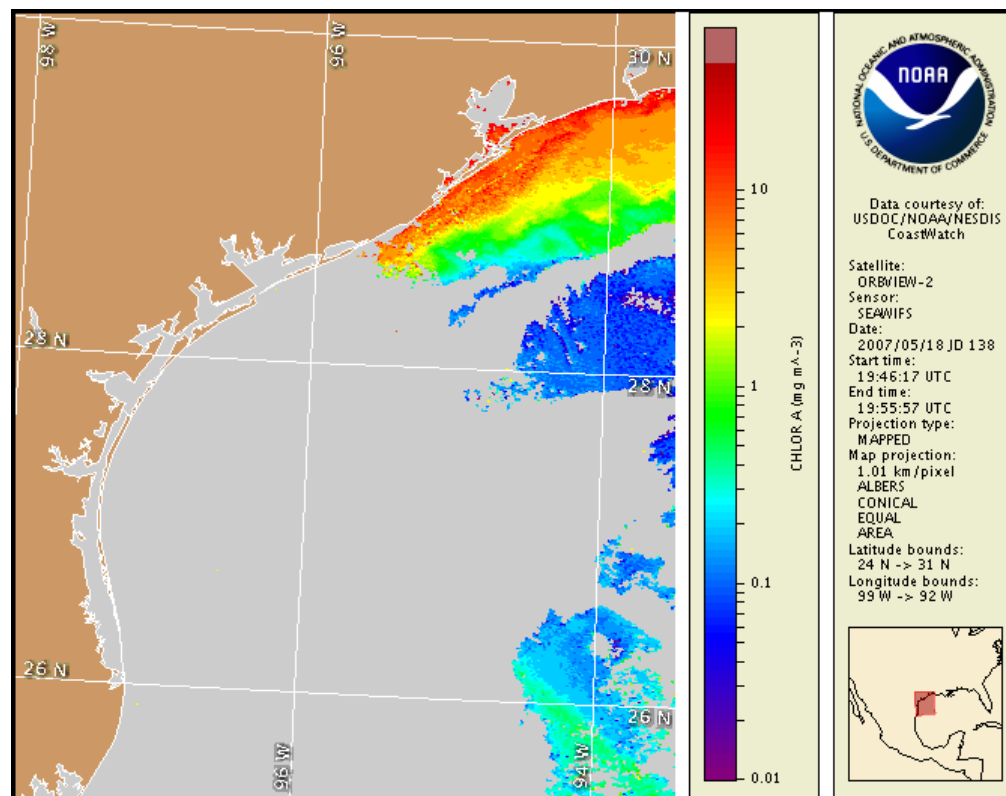
### Conditions Report

There have been no recent reports of red tide. No impacts are expected in Texas.

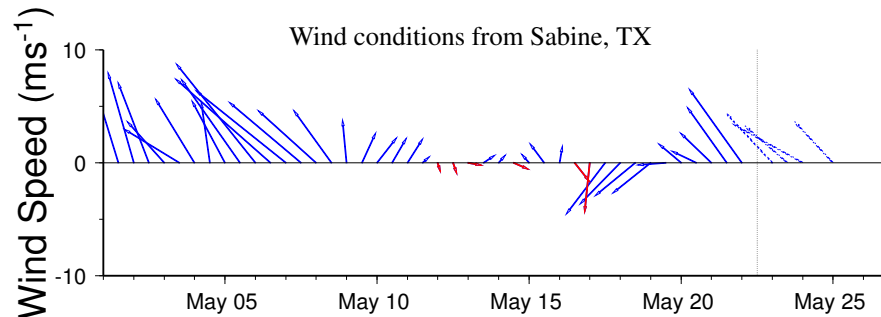
### Analysis

There have been no recent reports of red tide. No impacts are expected in Texas. High chlorophyll area is likely an extension of the Mississippi River Plume.

-Lopez, Jewett



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from May 14-16 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

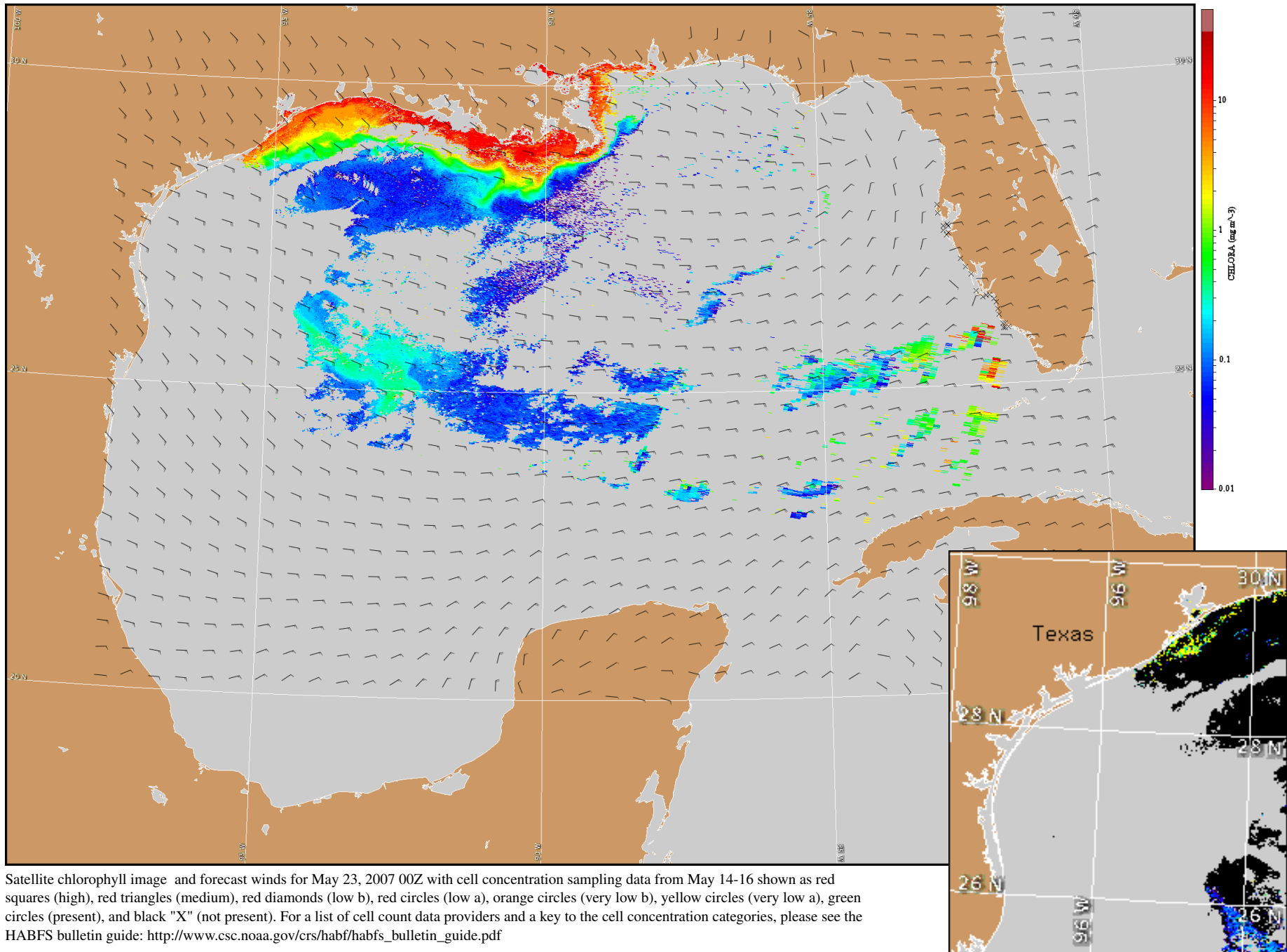


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today through Thursday, southeast winds 15 to 20 knots. Thursday night and Friday, east winds around 15 knots.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
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Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).